



Substitute for form 1449/PTO  
**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 10

**Complete if Known**

Application Number	10/583068
Filing Date	June 15, 2006
First Named Inventor	Lisa Ng Fong Poh,
Art Unit	Not assigned
Examiner Name	Not assigned

Attorney Docket Number 033946-1401

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
A1	US 2003/0148985 A1		08/07/2003	Morrissey et al.	
A2	6,740,665 B1		05/25/2004	Murali et al.	

**UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
A3	WO 96/18738		06/20/1996	Sugen, Inc.		
A4	WO 01/92655 A1		12/06/2001	C-Power AB		
A5	WO 98/45421		10/15/1998	The University Court of the University of Glasgow		
A6	WO 96/23879		08/08/1996	Terrapin Technologies, Inc.		
A7	WO 03/029462 A1		04/10/2003	Pieris Proteolab AG		
A8	WO 03/035621 A1		05/01/2003	The Research Foundation of St. University of New York		
A9	WO 2004/029199 A1		04/08/2004	Smithkline Beecham Corporation		
A10	CA 2378871		01/18/2001	Scil Proteins GmBH, DE		

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	A11	Backe et al., Crystallization, MicroPIXE and Preliminary Crystallographic Analysis of the Complex Between the Third KH Domain of the hnRNP K and Single-Stranded DNA <i>Acta Crystallogr D Biol Crystallogr</i> 60 (4), 2004, 784-787	

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	A12	Bean, The use of Alternative Medicine in the Treatment of Hepatitis C, <i>Am Clin Lab.</i> 21 (5), 2002, 25-27 (abstract)		
	A13	Beste et al., Small antibody-like proteins with prescribed ligand specificities derived from the lipocalin fold. <i>Proc. Natl. Acad. Sci. USA</i> 96, 1999, 1898-1903		
	A14	Bomsztyk et al., hnRNP K : One Protein Multiple Processes, <i>Bioessays</i> 26 (6), 2004, 629-638		
	A15	Braddock et al., Molecular Basis of Sequence-Specific Single-Stranded DNA Recognition by KH Domains : Solution Structure of a Complex Between hnRNP K KH3 and Single-Stranded DNA, <i>EMBO J</i> 21 (13), 2002, 3476-3485		
	A16	Bartenschlager, Unexpected Host Range of Hepatitis C Virus Replicons, <i>Hepatology</i> 39 (3), 2004, 835-838		
	A17	Brekke and Loset, New Technologies in Therapeutic Antibody Development, <i>Curr Opin Pharmacol.</i> 3 (5), 2003, 544-550		
	A18	Burd and Dreyfuss, Conserved Structures and Diversity of Functions of RNA-Binding Proteins, <i>Science</i> 265, 1994, 615-621		
	A19	Cai et al., LRH-1/hB1F and HNF1 Synergistically Up-Regulate Hepatitis B Virus Gene Transcription and DNA Replication <i>Cell Res.</i> 13 (6), 2003, 451-8 (abstract)		
	A20	Chen et al., Altered Antigenicities of Hepatitis B Virus Surface Antigen Carrying Mutations Outside The Common "a" Determinant, <i>Am. J. Gastroenterol.</i> 95, 2000, 1098		
	A21	Ching et al., Viral Hepatitis B, <i>Lancet</i> 362(9401), 2003, 2089-2094		

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	A22	Cohen SA et al., Potential Future Clinical Applications For the GPIIb/IIIa Antagonist, Abciximab in Thrombosis, Vascular and Oncological Indications, <i>Pathol Oncol Res.</i> 6 (3), 2000, 163-174		T <sup>6</sup>
	A23	Cooksley, The Importance and Benefits of Hepatitis A Prevention in Chronic Liver Disease Patients, <i>J Gastroenterol Hepatol.</i> 19 (Suppl 1), 2004, S17-20		
	A24	Debets R et al., IL-18 Receptors, Their Role in Ligand Binding and Function : Anti-IL-1RAcPL Antibody, a Potent Antagonist of IL-181, <i>J Immunol.</i> 165 (9), 2000, 4950-4956		
	A25	Dejgaard et al., Identification, Molecular cloning, Expression and Chromosome Mapping of a Family of Transformation Upregulated hnRNP-K Proteins Derived by Alternative Splicing, <i>J. Mol. Biol.</i> 236 (1), 1994, 33-48		
	A26	Ferenci, Peginterferon Alfa-2a (40KD) (Pegasys) For the Treatment of Patients with Chronic Hepatitis C, <i>Int J Clin Pract.</i> 57 (7), 2003, 610-615 (abstract)		
	A27	Gadaleta, et al., Isolation of a 25-kDa Protein Binding to a Curved DNA Upstream the Origin of the L Strand Replication in the Rat Mitochondrial Genome, <i>J. Biol. Chem.</i> 271, 1996, 13537		
	A28	Goetzl, et al., An IgM-kappa Rat Monoclonal Antibody Specific for the Type 1 Sphingosine 1-Phosphate g Protein-Coupled Receptor With Antagonist and Agonist Activities, <i>Immunol Lett.</i> 93 (1), 2004, 63-69		

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	A29	Halasz et al., GB Virus C/Hepatitis G Virus, <i>Scand J Infect Dis.</i> 33 (8), 2001, 572-580	
	A30	Hino, TTV, A New Human Virus With Single Stranded Circular DNA Genome, <i>Rev Med Virol.</i> 12 (3), 2002, 151-158	
	A31	Holt et al., Domain Antibodies: Proteins For Therapy, <i>Trends Biotechnol.</i> 21 (11), 2003, 484-490	
	A32	Hryniwicz-Jankowska A et al., Ankyrins, Multifunctional Proteins Involved in Many Cellular Pathways, <i>Folia Histochem. Cytobiol.</i> 40, 2002, 239-249 (abstract)	
	A33	Hsieh, et al., Hepatitis C Virus Core Protein Interacts With Heterogeneous Nuclear Ribonucleoprotein K, <i>J Biol Chem.</i> 273 (28), 1998, 17651-17659	
	A34	Janmaat and Giaccone, Small-Molecule Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitors, <i>Oncologist</i> 8 (6), 2003, 576-586	
	A35	Köhler & Milstein, Continuous Cultures of fused Cells Secreting Antibody of Predefined Specificity, <i>Nature</i> 256, 1975, 495-497 (abstract)	

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	A36	Lai and Ware, Hepatitis C Virus Core Protein: Possible Roles in Viral Pathogenesis, <i>Curr Top Microbiol Immunol</i> 242, 2000, 117-134 (abstract)		
	A37	Lee et al., Expression of Small Interfering RNAs Targeted Against HIV-1 rev Transcripts in Human Cells, <i>Nature Biotechnology</i> 20 (5) 2002, 500-505		
	A38	Lelliott, et al., Lamin Expression in Human Adipose Cells in Relation to Anatomical Site and Differentiation State, <i>Journal of Clinical Endocrinology</i> 87, 2002, 728-734		
	A39	Li, et al., Heterogeneous Nuclear Ribonucleoprotein A1 Binds to the Transcription-Regulatory Region of Mouse Hepatitis Virus RNA, <i>Proc Natl Acad Sci USA</i> 94 (18), 1997, 9544-9549		
	A40	Li et al., Morphine Enhances Hepatitis C Virus (HCV) Replicon Expression, <i>Am J Pathol</i> 163 (3), 2003, 1167-75		
	A41	Mandal et al., Growth Factors Regulate Heterogeneous Nuclear Ribonucleoprotein K Expression and Function, <i>J Biol Chem.</i> 276 (13), 2001, 9699-9704		
	A42	Marcellin et al., Peginterferon Alfa-2a Alone, Lamivudine Alone, and the Two in Combination in Patients with HBeAg-Negative Chronic Hepatitis B, <i>N Engl J Med</i> 351 (12), 2004, 1206-1217		

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	A43	Martell et al., Structural Analysis of Hepatitis C RNA Genome Using DNA Microarrays, <i>Nucleic Acids Research</i> 32 (11), 2004, e 90	
	A44	Mulrooney, Quantitive Detection of Hepadnavirus-Infected Lymphoid Cells by In Situ PCR Combined with Flow Cytometry: Implications for the Study of Occult Virus Persistence, Michalak TI, <i>J Virol</i> 77 (2), 2003, 970-979	
	A45	Ng et al., Host Heterogeneous Ribonucleoprotein K (hnRNP K) as a Potential target to Suppress Hepatitis B Virus Replications, <i>PLoS Med.</i> 2 (7), 2005, e163	
	A46	Ong and Younossi, Managing The Hematologic Side Effects of Antiviral Therapy for Chronic Hepatitis C: Anemia, Neutropenia, and Thrombocytopenia, <i>Cleve Clin J Med.</i> 71, Suppl 3, 2004, S17-21	
	A47	Ostrowski et al., Insulin Alters Heterogeneous Nuclear Ribonucleoprotein K Protein Binding to DNA and RNA, <i>Proc. Natl. Acad. Sci. USA</i> 98 (16), 2001, 9044-9049	
	A48	Papatheodoridis and Hadziyannis, Review Article: Current Management of Chronic Hepatitis B, <i>Aliment Pharmacol Ther.</i> 19 (1), 2004, 25-37	
	A49	Pazin and Williams, Triggering Signaling Cascades by Receptor Tyrosine Kinases, <i>Trends in Biochemical Sciences</i> 17 (10), 1992, 374-378	

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	A50	Plank et al., The Magnetofection Method : Using Magnetic Force to Enhance Gene Delivery, <i>Biol Chem.</i> 384 (5), 2003, 737-747		
	A51	Poynard et al., Viral Hepatitis C, <i>Lancet</i> 362(9401), 2003, 2095-2100		
	A52	Pyne et al., Receptor tyrosine Kinase-GPCR Signal Complexes, <i>Biochem Soc Trans.</i> 31 (6), 2003, 1220-1225		
	A53	Reddy et al., Use of Peginterferon Alfa-2a (40 KD) (Pegasys®) for the Treatment of Hepatitis C, <i>Advanced Drug Delivery Reviews</i> 54 (4), 2002, 571-586		
	A54	Reichard et al., Randomised, Double-Blind, Placebo-Controlled Trial of Interferon $\alpha$ -2b With and Without Ribavirin for Chronic Hepatitis C, <i>Lancet</i> 351 (9096), 1998, 83-87		
	A55	Rippe et al., Techniques to Measure Nucleic Acid-Protein Binding and Specificity: Nuclear Extract Preparations, DNase I Footprinting, and Mobility Shift Assays, <i>Methods Mol Biol.</i> 160, 2001, 459-479 (abstract)		
	A56	Roche and Samuel, Evolving Strategies to Prevent HBV Recurrence, <i>Liver Transpl.</i> 10 Suppl, 2004, S74		

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				First Named Inventor	Lisa Ng Fong Poh
Sheet	8	of	10	Art Unit	Not assigned
				Examiner Name	Not assigned
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	A57	Sioud, Ribozyme-and siRNA-Mediated mRNA Degradation: A General Introduction, <i>Methods Mol Biol.</i> 252, 2004, 1-8 (abstract)	
	A58	Skerra, <i>Engineered Protein Scaffolds for Molecular Recognition</i> , <i>J. Mol. Recognit.</i> 13, 2000, 167-187	
	A59	Stapleton, GB Virus Type C/Hepatitis G Virus, <i>Semin Liver Dis.</i> 23 (2), 2003, 137-148 (abstract)	
	A60	Steen and Jensen, Analysis of Protein-0Mucleic Acid Interactions by Protochemical Cross-Linking and Mass Spectrometry, <i>Mass Spectrom Rev.</i> 21 (3), 2002, 163-182	
	A61	Su and Yee, Regulation of Hepatitis B Virus Gene Expression by its two Enhancers, <i>Proc Natl Acad Sci U S A</i> 89 (7), 1992, 2708-2712	
	A62	Takahashi, et al., Hepatitis B Virus Genomic Sequence in the Circulation of Hepatocellular Carcinoma Patients: Comparative Analysis of 40 Full-Length Isolates, <i>Archives of Virology</i> , 143, 1998, 2313-2326	
	A63	Tay et al., Identification and Cloning of a Novel Heterogeneous Nuclear Ribonucleoprotein C-Like Protein That Functions as a Transcriptional Activator of the Hepatitis B Virus Enhancer II, <i>J. Virol.</i> , 66 (12), 1992, 6841-6848	

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	A64	Thompson et al, Recent Advances in Fluorescence Correlation Spectroscopy, <i>Curr Opin Struct Biol.</i> 12 (5), 2002, 634-641		
	A65	Uchida et al., Silent Hepatitis B Virus Mutants are Responsible for Non-A, Non-B, Non-C, Non-E Hepatitis, <i>Microbiol Immunol</i> 38, 1994, 281-285 (abstract)		
	A66	Velazquez-Campoy et al., Protein-Protein Interactions Methods and Applications, <i>Methods Mol Biol.</i> 261, 2004, 35-54 (abstract)		
	A67	Visintin et al., Intercellular Antibodies for Proteomics, <i>J Immunol Methods</i> 290 (1-2), 2004, 135-153		
	A68	Wang and Zhuang, Hepatitis E: An Overview and Recent Advances in Vaccine Research, <i>World J Gastroenterol.</i> 10 (15), 2004, 2157-2162		
	A69	Wang et al., A New Enhancer Element, ENII, Identified in the X Gene of Hepatitis B Virus, <i>J Virol.</i> 64 No. 8, 1990, 3977-3981		
	A70	Weiner et al., Rapid and Reproducible Quantification of Hepatitis C Virus cDNA by Fluorescence Correlation Spectroscopy <i>Digestion</i> 61 (2), 2000, 84-89 (abstract)		

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	A71	Weiss et al., The HBV-Producing Cell Line HepG2-4A5: A New in vitro System for Studying the Regulation of HBV Replication and for Screening Anti-Hepatitis B Virus Drugs, <i>Virology</i> 216, 1996, 214-218		
	A72	Yee, A Liver-Specific Enhancer in the Core Promoter Region of Human Hepatitis B Virus, <i>Science</i> 246, 1989, 658-661		
	A73	Yi and Lemon, 3' Nontranslated RNA Signals Required for Replication of Hepatitis C Virus RNA, <i>J Virol.</i> 77 (6), 2003, 3557-3568		
	A74	Yuh and Ting, The Genome of Hepatitis B Virus Contains a Second Enhancer: Cooperation of Two Elements Within This Enhancer is Required for its Function, <i>J Virol.</i> 64 (9), 1990, 4281-4287		
	A75	Zhou et al., Detection of Hepatitis B Virus by Piezoelectric Biosensor, <i>Journal of Pharmaceutical and Biomedical Analysis</i> 27 (1), 2002, 341-345		
	A76	Zhu et al., Replication of Hepatitis C Virus Subgenomes in Nonhepatic Epithelial and Mouse Hepatoma Cells, <i>J Virol.</i> 77 (17), 2003, 9204-9210		

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